

MEMORANDUM

12 April 1999

TO: Lompoc Interagency Work Group Members (See Attached Distribution List)

SUBJECT: MEETING SUMMARY – MARCH 19, 1999

Members present: Advocates for a Clean Environment - Lauren Sullivan; Air Resources Board - Lynn Baker; Assembly Member Maldonado's Office - Julia King; Celite Corporation - Chris Pauley; Department of Health Services - Christine Arnesen, Martha Harnly, Rick Kreutzer; Department of Pesticide Regulation - Madeline Brattesani, Paul Gosselin, Cheryl Langley, Steven Monk, Doug Okumura, John Ross, Jay Schreider, Randy Segawa; Lompoc Growers - Richard Quandt; Lompoc City Council - Dick DeWees; Lompoc Residents - Joyce Howerton, Dave Pierce; Office of Environmental Health Hazard Assessment - Richard Ames, Michael DiBartolomeis, Anna Fan, Joy Wisniewski; Santa Barbara County Agricultural Commissioner's Office - Joe Karl; Santa Barbara County Air Pollution Control District - Duane Sikorski; Santa Barbara County Health Services - Elliot Schulman; Santa Barbara County Supervisor Gray's Office - Susan Warnstrom; Santa Barbara County Supervisor Marshall's Office - John Buttny; Senator O'Connell's Office - Carla Frisk, Traci Verardo; U.S. Environmental Protection Agency (EPA), Headquarters - Jake Mackenzie (Facilitator, Lompoc Interagency Work Group); U.S. EPA, Region IX - Ray Chavira, Karen Heisler; Volunteer - Robert Holtzer; Volunteers for a Healthy Valley - George Rauh.

Members absent: Department of Health Services - Sharon Seidel; UC Extension Agricultural Engineer - Bill Steinke.

Topic #1: Introductions The Lompoc Interagency Work Group (LIWG) members and others present introduced themselves.

Topic #2: Approve meeting summary The LIWG approved the summaries of the January 22, 1999 meetings with no changes.

Topic #3: Review agenda The LIWG reviewed the agenda and decided to change the order of several items, and added several items. Dick DeWees proposed that Stacy Lawson (Environmental Coordinator, City of Lompoc) be added as a member to the LIWG. The LIWG accepted this proposal.

Topic #4: Report from the funding subgroup

Main Points: The subgroup distributed their proposed funding strategy (Handout #1), described the Legislature's budget time line, and presented various funding strategies. The subgroup asked the LIWG to make recommendations on the funding strategies presented. The funding subgroup recommended that the LIWG request that the legislative delegation representing Lompoc submit members' requests to the appropriate budget subcommittees in the Legislature. The funding subgroup suggested that the funding request presented to the legislators representing Lompoc reflect a comprehensive package of unfunded projects that examine a variety of risk factors that may contribute to health problems in Lompoc.

The U.S. EPA announced that they had finalized the cooperative agreement with DPR and would transfer \$100,000 to DPR for pesticide air monitoring activities (Handout #2).

Discussion/Decisions: The LIWG discussed this strategy and made recommendations about funding needs for pesticide air monitoring, health issues activities, and other environmental exposure monitoring activities. See specific key issues for LIWG recommendations.

Next steps: At the next LIWG meeting, the funding subgroup will provide an update on the status of funding.

Topic #5: Report on the status of the recommendations on Key Issue #2 [Key Issue #2: Are Lompoc residents exposed to pesticides in air? If so, which pesticides, and in what amounts? Do those levels exceed human health standards?]

Main Points: The LIWG reviewed the Lompoc pesticide air monitoring options for 1999 (Handout #1).

Discussion/Decisions: George Rauh and Lauren Sullivan argued for one of the options put forward at the meeting: using the federal grant money to monitor for the same 12 pesticides studied last year during a six-week period this spring. Based on strategic and technical considerations, the LIWG recommended option 2: U.S. EPA funds, along with the hoped-for state funds, will be allocated to Phase Two monitoring as it takes technical form through the current work of the technical advisory group. On behalf of the growers, Richard Quandt made the following minority opinion statement: Based on the results of phase one/pesticide air monitoring results, he does not think that more pesticide air monitoring is justified at this time.

Richard Ames requested that home use termite control be part of the air monitoring project.

Next Steps: As soon as possible, the legislative delegation that represents Lompoc will prepare the members' requests to the Legislature, a comprehensive package that includes (1) phase two/pesticide air monitoring at about \$390,800 (option 2); (2) additional geocoding, geographical information systems work, and biostatistical analysis at \$25,000 for Phase One from the Health Issues subgroup's recommendations; and from the other environmental exposures subgroup, funding for (3) a pollen and fungal spore survey at \$21,000; and (4) a one-year in-depth study of air patterns and meteorology in the Lompoc area (option A) at \$50,000. The fumigants monitoring cost is \$98,000. The total cost is \$585,000; minus \$100,000 from the U.S. EPA cooperative agreement, the total legislative request is \$484,800.

Topic #6: Report on the status of the recommendations on Key Issue #1 [Does sickness occur in the community? If so, what kind(s) and at what rate(s)? Are illness rates higher than expected?]

Main Points: Rick Kreutzer described the project and its proposed budget (Handout #1) and asked the LIWG to recommend that a portion of its phase one activities be funded (\$25,000) through a members' request. Elliot Schulman updated the LIWG on the status of the health activities (see Handouts #3 and #4). Prior to this meeting, George Rauh had asked Elliot Schulman to investigate a possible surge in childhood cancer and other serious illnesses, and that known cases of bone cancer and aplastic anemia already suggest this trend. In response, Elliot Schulman provided a handout of a "New Yorker" article (Handout #5) that provides a point of view about cancer clusters.

Discussion/Decisions: The LIWG recommended that the Phase One/Health activities be funded at \$25,000 through the comprehensive members' request to the Legislature. George Rauh criticized committing LIWG resources (proposed \$25,000) to the geocoding of widely disparate data, a project

fraught with innumerable confounding factors. George urged the LIWG to propose a like amount for a symptom survey (in Lompoc and a comparison community) such as Richard Ames proposed five years ago. The LIWG also requested that the need for this survey be considered during the evaluation process at the end of Phase One.

George Rauh requested that the LIWG consider information that suggests recently climbing childhood cancer rates and other life-threatening illnesses, such as aplastic anemia and consider the question: Is there a recent surge in such diseases?

Next Steps: See under previous topic.

Topic #7: Report on the status of the recommendations on Key Issue #3 [What other environmental hazards and factors exist in Lompoc?]

Main Points: Ray Chavira described the projects and proposed budgets (Handout #1). Lynn Baker noted that the ARB may need to request an additional \$2,000 for its silica monitoring. If that were the case, then ARB would forward a project description and proposed budget to the legislative delegation.

Discussion/Decisions: The LIWG recommended funding the one- year meteorology study (option A @ \$50,000) and the pollen and fungal spore survey (\$21,000) through the comprehensive members' requests to the Legislature. If only partial funds were obtained, then the LIWG would recommend reducing the funding for meteorology to \$15,000 that would be used to supplement the meteorological measurements that are part of pesticide air monitoring.

The LIWG recommended that the funds (from the members' requests) for all the projects be appropriated to DPR. DPR would implement the pesticide air monitoring activities, and would develop interagency agreements with the appropriate lead agencies to implement the other projects (e.g., DHS for Phase One/health issues, ARB for the meteorology study, and DHS or ARB for the pollen and fungal spore survey). The LIWG understands that both ARB and DHS LIWG members will communicate with their organizations about the potential for being tapped to participate in this effort, and will get back to DPR (before the next LIWG meeting) to confirm their agency's willingness to be involved.

Next Steps: See under Topic #5.

Topic #8: Phase One/Pesticide Air Monitoring Results

Main Points: A packet of letters to California Environmental Protection Agency or to Department of Pesticide Regulation regarding Phase One results, funding for Phase Two, or both were distributed (Handout #6). A critique of DPR's Phase One Lompoc pesticide air monitoring, prepared by Pesticide Action Network and Volunteers for a Healthy Valley, was distributed (Handout #7). News articles were distributed that discussed air monitoring results (Handout #8). The ARB quality assurance evaluation of Lompoc Phase One/pesticide air monitoring was distributed (Handout #9). DPR distributed the most recent pesticide use report data for 1998 (Handout #10).

Discussion/Decisions: George Rauh requested that the LIWG discuss the following issue: concern that DPR's Phase One/pesticide air monitoring summary of preliminary, draft data is erroneous and misleading. Time did not permit discussion of this issue or any aspect of Phase One/pesticide air monitoring results. The LIWG agreed to include these topics on the agenda for the next meeting. John

Buttny asked that DPR include a detailed response to the letter written by Dr. Susan Kegley and Joan Clayburgh as part of the discussion of this item.

Topic #9: Next meeting date, time, location, and agenda: The LIWG plans to meet next on Thursday, April 22, in Oakland from 11:30 a.m. to 2:30 p.m. Details to follow about specific meeting location. LIWG members subsequently requested changing the meeting location to Lompoc. The next LIWG meeting will be on April 22 from 11:30 a.m. to 2:30 p.m. in Lompoc at the Alan Hancock College, Lompoc Center, on 1 Hancock Drive in the Community Meeting Room on the second floor of the Administration Building. Conference call capability will exist; please contact me if you want information about how to participate by conference call.

Please contact me, or Jake Mackenzie at (707) 584-1195, if you have questions about this meeting summary.

Respectfully submitted,

Madeline Brattesani, Ph. D.
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Attachments

cc: Paul Gosselin, DPR
Doug Okumura, DPR

Handouts distributed at the November 6, 1998, meeting. Hard copies will be mailed only to those members not in attendance, or those requesting hard copies.

1. LIWG's funding subgroup's memo to the LIWG regarding proposed funding strategy (dated March 18, 1999).
2. Letter from Douglas Okumura/DPR to Mary Grisier/U.S. EPA regarding the cooperative agreement for pesticide air monitoring activities (dated March 18, 1999).
3. A set of three geographical information systems maps of Lompoc: census block groups, persons in poverty, and population density.
4. A set of three time-trend charts of out-patient visits, Lompoc: asthma, upper respiratory infections, and bronchitis.
5. Gawande, Atul. February 3, 1999. The cancer-cluster myth. New Yorker.
6. A packet of letters to California Environmental Protection Agency and DPR regarding pesticide air monitoring results and funding; a reply from DPR.
7. Critique of DPR's phase one Lompoc air monitoring prepared by Pesticide Action Network and Volunteers for a Healthy Valley (dated March 1999).
8. Set of news articles regarding air monitoring results.
9. Memo to DPR from ARB regarding quality assurance evaluation of Lompoc pesticide monitoring (dated March 3, 1999).
10. DPR's most recent pesticide use report data for 1998 (dated 3/15/99).

Member Distribution List:

Advocates for a Clean Environment/Lauren Sullivan
Air Resources Board/Lynn Baker
Assembly Member Maldonado's Office/Melanie Bedwell, Julia King
Celite Corporation/Chris Pauley
Department of Health Services/Christine Arnesen, Martha Harnly, Rick Kreutzer, Sharon Seidel
Department of Pesticide Regulation/Madeline Brattesani, John Ross, Jay Schreider, Randy Segawa
Lompoc City Council/Dick DeWees, Stacy Lawson
Lompoc Growers/Richard Quandt
Lompoc Resident/Joyce Howerton, Dave Pierce
Office of Environmental Health Hazard Assessment/Richard Ames, Michael DiBartolomeis, Anna Fan, Joy Wisniewski
Santa Barbara County Agricultural Commissioner's Office/Joe Karl
Santa Barbara County Air Pollution Control District/Duane Sikorski
Santa Barbara County Health Care Services/Elliot Schulman
Santa Barbara County Supervisor Gray's Office/Susan Warnstrom
Santa Barbara County Supervisor Marshall's Office/John Buttny
Senator O'Connell's Office/Carla Frisk
UC Extension Agricultural Engineer/Bill Steinke
U.S. EPA, Headquarters/Jake Mackenzie
U.S. EPA, Region IX/Ray Chavira, Karen Heisler
Volunteer/Robert Holtzer (formerly with Office of Environmental Health Hazard Assessment as a Medical Officer)
Volunteers for a Healthy Valley/George Rauh

LOMPOC INTERAGENCY WORK GROUP

Revised Agenda

Thursday, April 22, 1999, 11:30 a.m. - 2:30 p.m.

Location: Alan Hancock College, Lompoc Center
Administration Building, Community Meeting Room, Second Floor
1 Hancock Drive
Lompoc, California

1. Introductions - Jake Mackenzie
2. Approve meeting summary - Jake Mackenzie
3. Review agenda - Jake Mackenzie
4. Key Issue #1 [Does sickness occur in the community? If so, what kind(s) and at what rate(s)? Are illness rates higher than expected?]

Update on additional analyses of hospital discharge data - OEHHA

5. Key Issue #2 [Are Lompoc residents exposed to pesticides in air? If so, which pesticides, and in what amounts? Do those levels exceed human health standards?]

Presentation of "Analysis of Weather Patterns in Lompoc" - DPR

Presentation of Phase one/pesticide air monitoring results - DPR

Status of monitoring activities/fumigants - DPR

Status of monitoring activities/Phase Two - DPR

6. Progress report on legislative activities with funding requests - Legislative delegation that represents Lompoc
7. Other topics
8. Next meeting date, time, location and agenda

For information about the meeting location, please call Sharon Phillips at (805) 736-1261 extension 212 or Madeline Brattesani at (916) 324-4082. This is a brown bag lunch. If you plan to distribute handouts, please bring at least 30 copies.